



# Institute for Defense Analyses

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## *Using Threats in Specifications*

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# Papers

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- **Abrams and Ramsey. *Risks, Threats, and Countermeasures for an FAA System.***
  - **Coyne. *Issues with Including Threats in a Protection Profile.***
  - **Gotfried. *Using the CC at the Beginning of Acquisition Programs.***
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# Papers

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- **Brigman. *Generic IPSec/VPN Protection Profile.***
- **Marks. *Telecommunications Switch Protection Profile.***





# Purpose

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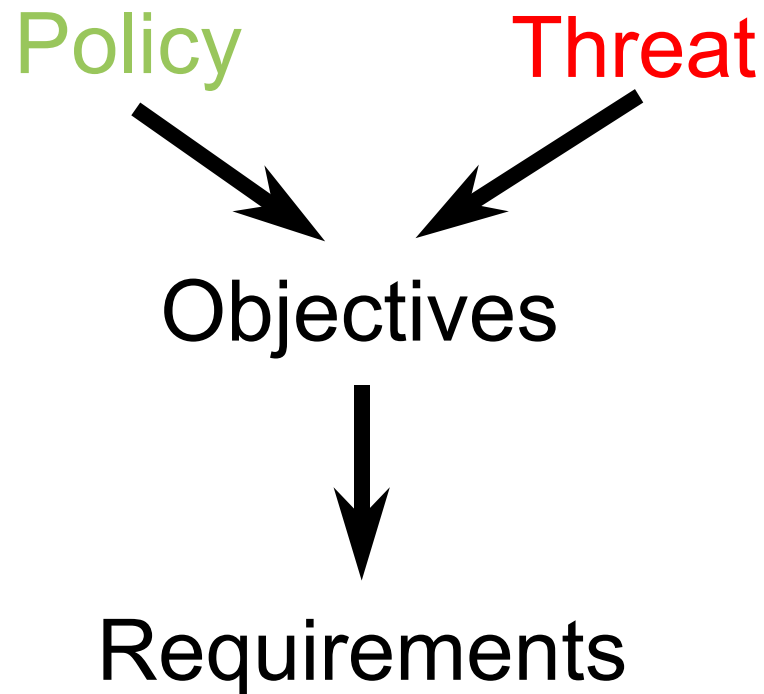
- **Discuss how threats are used in a security specification.**
  - **Determine what information should be provided about a threat.**
  - **Provide a standard format for the Threat section of a Protection Profile.**
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# What We Can Accomplish

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- **Start toward a methodology for identifying security requirements.**





# What We Can Accomplish

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- **Specify information contained in a threat statement**
  - **Causes/Source**
  - **Attack methods**
  - **Numeric value**





# Issues

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- **Are generic threats sufficiently detailed to be linked to countermeasures?**
  - **How are threat statements refined for subsystems as a system is developed?**
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# Issues

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- **How are threats stated when the environment is variable, or the system must be able to operate in several environments?**
  - **Are threats useful in a Security Target?**
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